

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A system ~~for communications between computers in a CIM and DMI network~~, comprising:
 - a proxy Common Information Model Object Module (CIMOM) ~~CIMOM in~~ ~~communicationscoupled~~ with a plurality of Common Information Model (CIM) ~~CIM~~ client applications;
 - a Desktop Management Interface (DMI) ~~DMI service provider in~~ ~~communicationscoupled~~ with a plurality of DMI component ~~instrumentationinstrumentations~~; and
 - a CIM to DMI provider ~~connected to~~ coupled with the proxy CIMOM and the DMI service provider, the CIM to DMI provider to register the plurality of CIM client applications and the plurality of DMI component ~~instrumentationinstrumentations~~, receive events from the DMI service provider, receive interrupts from the proxy CIMOM, receive information from both the proxy CIMOM and the DMI service provider, and consolidate the information received from the DMI service provider, and translate all said the interrupts, said the events, and said the information into a format suitable for an intended recipient, wherein said the intended recipient ~~comprises~~ is one of either the ~~proxy of~~ CIM client applications or the plurality of DMI component ~~instrumentationinstrumentations~~.

2. (Currently Amended) The system ~~recited in~~of claim 1, wherein the CIM to DMI provider further comprises:
- a DMI events and CIM requests processing module to
- register the plurality of CIM client applications and the plurality of DMI component ~~instrumentation~~instrumentations,
- receive events from the DMI service provider,
- receive interrupts from the proxy CIMOM, and
- receive information from both the proxy CIMOM and the DMI service provider.
3. (Currently Amended) The system ~~recited in~~of claim 2, wherein the CIM to DMI provider further comprises:
- a CIM to DMI translation module ~~connected~~coupled with ~~to~~ the DMI events and CIM requesting module to
- translate DMI requests and messages ~~to~~into CIM objects, ~~and to~~
- translate CIM objects ~~to~~into DMI requests and messages.
4. (Currently Amended) The system ~~recited in~~of claim 3, wherein the CIM to DMI provider further comprises:
- a CIMOM interface provider ~~connected to~~coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIMOM interface to
- receive CIM client application requests, ~~and~~

transmit the CIM client application requests to the DMI events and CIM request processing module, ~~and~~ receive CIM objects from the DMI events and CIM requests processing module, and transmit the CIM objects to the proxy CIMOM.

5. (Currently Amended) The system ~~recited in~~ claim 3, wherein the CIM to DMI provider further comprises:
a DMI event callback interface module ~~connected to~~ coupled with the DMI service provider and the DMI events and CIM requests processing module, the DMI event callback interface to receive DMI events, and transmit the DMI events to the DMI events and CIM requests processing module.
6. (Currently Amended) The system ~~recited in~~ claim 5, wherein the CIM to DMI provider further comprises:
a CIMOM event interface ~~connected to~~ coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIMOM events interface to transmit CIM interrupts to the proxy CIMOM, wherein the interrupts are translated from the DMI events received by the DMI event callback interface ~~and transmitted by the DMI events and CIM requests processing module using the CIM to DMI translation module.~~

7. (Currently Amended) The system ~~recited in~~of claim 3, wherein the CIM to DMI provider further comprises:

a CIM provider callback interface ~~connected to~~coupled with the proxy CIMOM and the DMI events and CIM requests processing module, the CIM provider to receive CIM requests from the plurality of CIM client applications, ~~and~~ transmit ~~them~~ the CIM requests to the DMI events and CIM requests processing module, and ~~to~~ transmit ~~to the proxy CIM~~ all the translated DMI events received from the DMI events and CIM requests processing module to the proxy CIMOM.

8. (Currently Amended) The system ~~recited in~~of claim 7, wherein the CIM to DMI provider further comprises:

a DMI management client interface ~~connected to~~coupled with the DMI service provider and the DMI events and CIM requests processing module, the DMI management client interface to receive DMI requests from the DMI service provider, ~~and~~ transmit ~~them~~ the DMI requests to the DMI events and CIM request processing module, ~~and~~ receive from the DMI events and CIM requests processing module CIM requests translated into DMI format, ~~and transmitting~~ transmit the DMI formatted CIM requests to the DMI service provider.

9. (Currently Amended) A method ~~of communicating between computers in a CIM network and a DMI network~~, comprising:
- instantiating an object request for a class by a Common Information Model (CIM)
- CIM client application;
- transmitting the object request to a proxy Common Information Model Object
- Module (CIMOM) CIMOM_i; that relays
- relaying the object request to a CIM to Desktop Management Interface (DMI)
- DMI provider;
- translating the object request to a DMI request; and
- transmitting ~~to~~ the DMI request to a DMI component instrumentation via a DMI
- service provider;
- receiving a plurality of responses from the DMI service provider; and
- consolidating the plurality of responses.
10. (Currently Amended) The method ~~recited in~~of claim 9, further comprising:
- transmitting an event generated by the DMI component instrumentation to the
- CIM to DMI provider via the DMI service provider;
- translating the event into a CIM interrupt; and
- transmitting the CIM interrupt to a CIM client application via a proxy CIMOM.
11. (Currently Amended) The method ~~recited in~~of claim 9, further comprising:
- registering a CIM to DMI provider with a DMI service provider as a DMI
- management application;
- receiving a DMI event or CIM request;

translating the DMI event into a CIM interrupt or the CIM request into a DMI request; and

transmitting the translated CIM interrupt to the CIM client application or the translated DMI request to the DMI component instrumentation.

12. (Currently Amended) The method ~~recited in~~ of claim 9, wherein the translating of the object request to a DMI request is ~~done~~ preformed by a CIM to DMI translation module.
13. (Currently Amended) A ~~computer program embodied on a computer readable medium executable by a computer, comprising~~ machine-readable medium having data stored thereon representing sets of instructions which, when executed by a machine, cause the machine to:
instantiating-instantiate an object request for a class by a Common Information Model (CIM) ~~CIM~~-client application;
~~transmitting-transmit~~ the object request to a proxy Common Information Model Object Module (CIMOM) ~~CIMOM~~ that relays the object request to a CIM to Desktop Management Interface (DMI) ~~CIM to DMI~~-provider;
~~translating-translate~~ the object request to a DMI request; and
~~transmitting-transmit~~ the DMI request to a DMI component instrumentation via a DMI service provider.

14. (Currently Amended) The ~~computer program recited in~~machine-readable medium of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to~~comprising:~~
~~transmitting~~transmit an event generated by the DMI component instrumentation to the CIM to DMI provider via the DMI service provider;
~~translating~~translate the event into a CIM interrupt; and
~~transmitting~~transmit the CIM interrupt to a CIM client application via a proxy CIMOM.
15. (Currently Amended) The ~~computer program recited in~~machine-readable medium of claim 13, wherein the sets of instructions, when executed by the machine, further cause the machine to~~comprising:~~
~~registering~~register a CIM to DMI provider with a DMI service provider as a DMI management application;
~~receiving~~receive a DMI event ~~or CIM request;~~
~~translating~~translate the DMI event into a CIM interrupt ~~or the CIM request into a DMI request;~~ and
~~transmitting~~transmit the translated CIM interrupt to the CIM client ~~application or the translated DMI request to the DMI component instrumentation.~~
16. (Currently Amended) The ~~computer program recited in~~machine-readable medium of claim 13, wherein translating the object request ~~to~~into a DMI request is ~~done~~performed by a CIM to DMI translation module.